

Appendix B
Utility Cost Estimates

CHECKLIST FOR UTILITY RELOCATION ESTIMATES

A) Preliminary Engineering Estimate:

All items have been completed with amounts shown for each applicable item and any appropriate attachments should be included.

1. Prior Rights (Utilities Manual Section 4.3.2)

- Documentation of Compensable Interest
- or
- Executed agreement between DelDOT and utility.

The Department must approve all documentation.

2. Preliminary Engineering Estimate — Estimate of costs associated with engineering and right-of-way acquisition necessary to prepare the design plans and construction estimate (PS&E package).

- Preliminary Engineering Estimate — see Section A. Utility Cost Estimate Format

The Department may waive detailed Preliminary Estimate.

3. Use of Consulting Engineer (Utilities Manual Section 4.3.4.4)

- Request to Utility Engineer requesting authorization for approval/authorization of consultant.
- Preliminary sketches, estimates, and fee schedule.
- Approval by State (and FHWA if applicable.)
- Agreement conforming to FHWA and US DOT regulations if federal involvement.

B) Construction Estimate (PS&E):

1. DelDOT approval of Preliminary Engineering Estimate — Notice to Proceed. The utility must have this before starting the PS&E design package to remain eligible for reimbursement. The Utilities Section of Transportation Solutions, Engineering Support provides the Notice to Proceed for Preliminary Engineering. Any materials purchased or work performed prior to authorization by the Utilities office will be done at the Company's sole expense.

2. PS&E Package (Utilities Manual Section 4.3.4.5). Four (4) complete sets of:

- Detailed estimate of work to be performed — see Section B. Utility Cost Estimate Format.
- Marked color-coded plans indicating:
 1. existing to remain,
 2. existing to remove,
 3. proposed reimbursable,
 4. proposed non-reimbursable.
- Terms under which utility is crossing or occupying highway r/w

- Description of facility to be located within the r/w
- Description of installations construction, traffic protection, maintenance, access restrictions and any special conditions
- List of materials to be installed, removed or abandoned.
- Salvage Credit itemized list
- Expired Service Life Credit

A) Betterment (Utilities Manual Section 4.3.1)

1. In the event of betterment, two (2) complete PS&E packages are required. One is the Construction Estimate outlined above and the second is the Betterment Estimate including any upgrade of facilities made solely for the benefit of and at the election of the utility.

2. Betterment Estimate: PS&E Package (Utilities Manual Section 4.3.4.5).

Four (4) complete sets of:

- Detailed estimate of work to be performed — Section B. Utility Cost Estimate Format.
- Marked color-coded plans indicating:
 1. existing to remain,
 2. existing to remove,
 3. proposed reimbursable,
 4. proposed non-reimbursable.
- Terms under which utility is crossing or occupying highway r/w
- Description of facility to be located within the r/w
- Description of installations construction, traffic protection, maintenance, access restrictions and any special conditions
- List of materials to be installed, removed or abandoned.
- Salvage Credit itemized list
- Expired Service Life Credit